us-09-897-465-10.rai

Sequence Sequence

Sequence

444444117 77766667

Sequence Sequence

US-08-477-383-18 US-08-487-114-18 US-08-137-800-47 US-08-487-1174-47 US-08-487-1174-47 US-08-137-800-49 US-08-137-800-49 US-08-137-800-49 US-08-487-174-47 US-08-487-174-47 US-08-487-174-49 US-08-487-174-14 US-08-487-174-14 US-08-487-174-14 US-08-487-174-14 US-08-487-174-14 US-08-487-174-14 US-08-487-174-14 US-08-487-174-14 US-08-480-750-14

Sequence

Sequence

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APPLICANT:
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Matches
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                                                                                                                    November 17, 2003, 15:13:36; Search time 21 Seconds (without alignments) 32.237 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /cgn2_6/ptodata/1/jaa/5A_COMB.pep:*
/cgn2_6/ptodata/1/jaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/jaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/jaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/jaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/jaa/PCTUS_COMB.pep:*
               GenCore version 5.1.6 (c) 1993 - 2003 Compugen Ltd.
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US-09-219-446B-9
US-09-219-446B-11
US-08-137-800-46
US-08-137-800-46
US-08-477-383-46
US-08-487-134-46
US-09-219-446B-5
US-09-219-446B-5
US-09-219-446B-6
US-09-219-446B-9
US-09-219-446B-9
US-09-219-446B-9
US-09-488-799-99
US-09-488-799-99
US-09-488-799-99
US-08-487-799-99
US-08-487-799-99
US-08-487-799-99
US-08-487-799-99
US-08-487-799-97
US-09-488-799-97
US-09-488-799-97
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US-09-488-799-97
US-09-488-799-97
US-09-488-799-97
US-09-488-799-97
US-09-488-799-97
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                                                                                                                                                                                                                                                                                                                          328717 seqs, 42310858 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                     protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                 1 GCCSLPPCALNNPDYC 16
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                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                              US-09-897-465-10
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Match Length
                                Copyright
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71.2
71.2
71.2
71.2
64.4
64.4
663.5
663.5
67.7
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                                                                                                                                                                                                                                  Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Database
                                                                                                                          Run on:
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OTHER INFORMATION: Description of Artificial Sequence:AloL derivative
OTHER INFORMATION: of C. purpurascens PnlA
US-09-219-446B-10
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                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: UNIONALIUGA:
APPLICANT: MCINICAN: Baldomero M.
APPLICANT: MCINICAN, J. Michael
APPLICANT: Yoshikami, Doju
APPLICANT: Yoshikami, Doju
APPLICANT: Cartier, G. Edward
APPLICANT: Luo, Siqin
APPLICANT: University of Utah Research Foundation
ITILE OF INVENTION: Uses of Alpha-Conotoxins
FILE REPERBUSE: Uses of Alpha-Conotoxins
CURRENT PILING DATE: 1998-12-23
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/070,153
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1998-04-03
FRIOR PELING DATE: 1998-04-03
FRIOR PERING DATE: 1998-04-03
FRIOR DATE: 
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100.0%; Pred. No. 1.2e-06;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Olivera, Baldomero M.
McIntosh, J. Michael
Yoshikami, Doju
Cartier, G. Edward
Luo, Sigin
University of Utah Research Foundation
ALIGNMENTS
                                                                                                                                                                                                                                       Sequence 10, Application US/09219446B Patent No. 6265541 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/09219446B Patent No. 6265541 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16
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Best Local Similarity
                                                                                                                                                                                             US-09-219-446B-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-219-446B-9
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 46, Application US/08137800 Patent No. 5514774 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Olivera, Baldomero M.
                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GCCSLPPCALNNPDYC 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GCCSLPPCAASNPDYC 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS: ADDRESSER: Venable,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORIGINAL SOURCE
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ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-137-800-46
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95.2%; Score 99; DB 3; Length 16;
Best Local Similarity 93.8%; Pred. No. 4.7e-06;
Matches 15; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 95.2%; Score 99; DB 3; Length 16; Best Local Similarity 93.8%; Pred. No. 4.7e-06; Matches 15; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 16;
TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
CURRENT APPLICATION NUMBER: US/09/219,446B
CURRENT FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: US 60/080,588
PRIOR PILING DATE: 1998-04-03
PRIOR PILING DATE: 1998-04-03
PRIOR PILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VOR: 2.0
LENGTH: 16
LENGTH: 16
TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MICHAELS, J. Michael
APPLICANT: McIntosh, J. Michael
APPLICANT: McIntosh, J. Michael
APPLICANT: Yoshikami, Doju
APPLICANT: Toshikami, Doju
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
APPLICANT: University of Utah Research Foundation
TITLE OF INVENTION: Uses of Alpha-Conotoxins
FILE REFERENCE: Uses of Alpha-Conotoxins
CURRENT APPLICATION NUMBER: US/09/219,446B
CURRENT FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: US 60/080,588
PRIOR APPLICATION NUMBER: US 60/080,588
PRIOR PELING DATE: 1998-04-03
PRIOR PELING DATE: 1998-04-03
PRIOR PILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
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APPLICANT: University of Utah Research Foundation
IIILE OF INVENTION: Uses of Alpha-Conotoxin Peptides
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Patent No. 6265541
GENERAL INFORMATION:
APPLICANT: Olivera, Baldomero M.
APPLICANT: McIntosh, J. Michael
APPLICANT: Toshikami, Doju
APPLICANT: Cartier, G. Edward
APPLICANT: Luo, Sigin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 12, Application US/09219446B
Patent No. 6265541
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GCCSLPPCALNNPDYC 16
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                                                                                                                                                                                                                                                                                                                                             ORGANISM: Conus purpurascens
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LENGTH: 16
TYPE: PRT
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; OTHER INFORMATION: Description of Artificial Sequence:N11S derivative; OTHER INFORMATION: of C. purpurascens PnIA US-09-219-446B-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 90.4%; Score 94; DB 3; Length 16; Best Local Similarity 87.5%; Pred. No. 1.8e-05; Matches 14; Conservative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue N.W., Suite 1000
CITY: Washington
CURRENT APPLICATION NUMBER: US/09/219,446B
CURRENT FILING DATE: 1998-12-23
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/070,153
FRIOR APPLICATION NUMBER: US 60/070,153
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 11
LENGTH: 16
TUPNE: .....
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APPLICANT: Hillyard, David R.
APPLICANT: McIntosh, J. Michael
APPLICANT: Santos, Ameurfina D.
TITLE OF INVENTION: Conotoxin Peptides
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/137,800
FILING DATE: 19-OCT-1993
CLASSIFICATION: 530
ATCRNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffery L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24260-10476
TELECHONE: 202-962-4810
TELECHONE: 202-962-4810
TELECHONE: 202-962-8300
INFORMATION FOR SEQ ID NO: 46:
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us-09-897-465-10.rai

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Sequence 46, Application US/08487174
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72.1%; Score 75; DB 1; Length 65; 68.8%; Pred. No. 0.012; 1rde 2; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 65;
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MEDLUM TYPE: Ploppy disk
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,383
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-OCT-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : Venable, Baetjer, Howard & Civiletti
1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 75; DB 1;
Pred. No. 0.012;
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                                                                                                                                                                                                                                                                                                                                                                                                                     Conotoxin Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/084,848
FILING DATE: 29-UUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                Sequence 46, Application US/08477383
Patent No. 5589340
GENERAL INFORMATION:
APPLICANT: Cruz, Lourdes J.
APPLICANT: Hillyard, David R.
APPLICANT: Millyard, David R.
APPLICANT: Mointosh, J. Michael
APPLICANT: Santos, Ameurfino S.
TITLE OF INVENTION: Conotoxin Peptis
NUMBER OP SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28,957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
                                                                                        1 GCCSLPPCALNNPDYC 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 68.8%;
Matches 11; Conservative
                                                                                                                            49 GCCSHPACSVNNPDIC 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conus bandanus
                      Best Local Similarity 68.8
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        65 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1201 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: DC
COUNTRY: U.S.A.
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORIGINAL SOURCE:
ORGANISM: Con
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US-08-477-383-46
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Query Match
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US-08-487-174-46

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Length 65;
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                                             APPLICANT: Olivera, Baldomero M.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Hillyard, David R.
APPLICANT: Macintosh, J. Michael
APPLICANT: Santos, Ameurfino S.
TITLE OF INVENTION: Conctoxin Peptides
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Parent: PC-DOS/MS-DOS
SOFTWARE: Patent: PC-DOS/MS-DOS
SOFTWARE: Patent: Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,174
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-CC-1993
PRIOR APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-CC-1993
APPLICATION NUMBER: US 08/184,848
FILING DATE: 29-JUN-1993
APPLICATION NUMBER: US 08/084,848
FILING DATE: 29-JUN-1993
APPLICATION NUMBER: US 08/084,848
FILING DATE: 19-CC-1993
APPLICATION NUMBER: US 08/084,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        72.1%; Score 75; DB 1;
ilarity 68.8%; Pred. No. 0.012;
Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24260-107673
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEPHOXE: 202-962-8300
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GENERAL INFORMATION:
APPLICANT: Olivera, Baldomero M. APPLICANT: Cruz, Lourdes J. APPLICANT: Hillyard, David R. APPLICANT: Macintosh, J. Michael APPLICANT: Santos, Ameurfino S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GCCSLPPCALNNPDYC 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : 65 amino acids amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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Best Local Similarity
Thes 11; Conservat
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NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                      Washington
Patent No. 5595972
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                       20002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-487-174-46
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       71.2%; Score 74; DB 3; Length 16; 68.8%; Pred. No. 0:0044; stive 0; Mismatches 5; Indels
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APPLICANT: Olivera, U. Michael
APPLICANT: Olivera, U. Michael
APPLICANT: Yoshikami, Doju
APPLICANT: Cartier, G. Edward
APPLICANT: University of Utah Research Foundation
TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
FITE REFERENCE: Uses of Alpha-Conotoxin Peptides
CURRENT APPLICATION NUMBER: US/09/219,446B
CURRENT APPLICATION NUMBER: US 60/080,588
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                               24260-121388
                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,068
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09219446B Patent No. 6265541
                                                                                FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Thren, Jeffrey L.
RECISTRATION WUNBER: 28,957
REFERENCE/DOCKET NUMBER: 2426
TELECOMMUNICATION INFORMATION:
TELEFAX: 202-962-4810
TELEFAX: 202-962-4810
TELEFAX: 202-962-4810
TELEFAX: 105-962-4810
TELEFAX: 105-962-4810
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TELEFAX: 105-962-9810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: Disulfide-bond
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 68.83
Matches 11; Conservative
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Best Local Similarity
Matches 11; Conserv
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APPLICANT: Olivera,
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FEATURE:
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LOCATION;
US-08-857-068-2
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LENGTH: 16
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APPLICANT: Cartier, G. Edward
APPLICANT: Cartier, G. Edward
APPLICANT: Yoshikami, Doju
APPLICANT: Olivera, Baldomero M.
TITLE OF INVENTION: CONOPEPTIDES AUIA, AUIB AND AUIC
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STRET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: D.C.
COUNTRY: US
ADDRESSEE: Venable, Baetjer, Howard & Civiletti STREET: 1201 New York Avenue, N.W., Suite 1000
                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/08/480,750
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
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CCMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION,
FILING DATE: 07-JUN-1>>
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/137,800
FILING DATE: 19-0CT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/084,848
FILING DATE: 29-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Inhen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 28,957
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Patent No. 5866682
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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US-08-480-750-46
                                                                                                                                               COUNTRY:
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Query Match 64.4%; Score 67; DB 2; Best Local Similarity 62.5%; Pred. No. 0.03; Matches 10; Conservative 0; Mismatches
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Cartier, G. Edward
Yoshikami, Doju
Luo, Sigin
Olivera, Baldomero M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-219-446B-8; Sequence 8, Application US/09219446B: Patent No. 6265541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3, Application US/08857068 Patent No. 5866682
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GCCSLPPCALNNPDYC 16
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                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: Disulfide-bond
LOCATION: 2..8
                                                                                                                                                                                                                                                                                                                           Disulfide-bond
3..16
                                                                                                                                                                                                           ORGANISM: Conus aulicus
                                                                      LENGTH: 16 amino acids
TYPE: amino acid
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TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Conus aulicus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: McIntosh
APPLICANT: Cartier,
APPLICANT: Yoshikan
APPLICANT: Luo, Sic
APPLICANT: Olivera
                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                             NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-219-446B-8
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US-08-857-068-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     71.2%; Score 74; DB 3; Length 17; 68.8%; Pred. No. 0.0047; ative 0; Mismatches 5; Indels
                                                                                                                                                                                                                          APPLICANT: DUC, SIGHT RESEARCH Foundation TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides; FILE REFERENCE: Uses of Alpha-Conotoxins CURRENT APPLICATION NUMBER: US/09/219,446B CURRENT APPLICATION NUMBER: US/09/219,446B PRIOR APPLICATION NUMBER: US 60/080,588 PRIOR APPLICATION NUMBER: US 60/080,588 PRIOR APPLICATION NUMBER: US 60/070,153 PRIOR APPLICATION NUMBER: US 60/070,153 PRIOR APPLICATION NUMBER: US 60/070,153 SPRIOR FILING DATE: 1997-12-31 NUMBER OF SEQ. ID NOS: 13 SOFTWARE: PATCHILIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08857068
Patent No. 5866682
GENERAL INFORMATION:
APPLICANT: McIntosh, J. Michael
APPLICANT: Cartier, G. Edward
APPLICANT: Luo, Shifmi, Doju
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
APPLICANT: Olivera, Baldomero M.
TITLE OF INVENTION: CONOPERTIDES AulA, AulB AND AulC
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Venable, Baetjer, Howard & Civiletti
STREET: 1201 New York Avenue, Suite 1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/857,068
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NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24260-121388
TELECOMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
                     US-09-219-446B-6
; Sequence 6, Application US/09219446B
; Patent No. 6265541
                                                                                                        APPLICANT: Olivera, Baldomero M. APPLICANT: McIntosh, J. Michael APPLICANT: Yoshikami, Doju APPLICANT: Cartier, G. Edward APPLICANT: Luo, Sigin APPLICANT: Luo, Sigin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GCCSLPPCALNNPDYC 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington STATE: D.C. COUNTRY: US
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Matches 11; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-219-446B-6
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US-08-857-068-4
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Length 16;
                                                        6; Indels
                                                                                                                                                                                                                                                                                                                                            GENERAL IMPORTATION:
APPLICANT: Molivera, Baldomero M.
APPLICANT: Molivera, D. Michael
APPLICANT: Molivera, D. Michael
APPLICANT: Molivera, D. Michael
APPLICANT: Cartier, G. Edward
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
TITLE OF INVENTION: Uses of Alpha-Conotoxins
CURRENT APPLICATION NUMBER: US/09/219,446B
CURRENT FILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Vor: 2.0
SEQ ID NO 8
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SEQ ID NO 95
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   TITLE OF INVENTION: CONOPEPTIDES AUIA, AUIB AND AUIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 95, Application US/09488799
Patent No. 6268473
GERBRAL INFORMATION:
APPLICANT: Olivera Baldomero M.
APPLICANT: Layer, Richard T.
APPLICANT: Markins, Maren
APPLICANT: Markins, Maren
APPLICANT: Milhard, David R.
APPLICANT: Milhard, David R.
APPLICANT: Milhard, David R.
APPLICANT: Schoenfeld, Robert
APPLICANT: Schoenfeld, Robert
APPLICANT: Jones, Robert M.
TITLE REFERENCE: Alphas 1
TITLE REFERENCE: Alphas 1
CURRENT APPLICATION NUMBER: 60/116,881
EARLIER APPLICATION NUMBER: 60/116,881
BARLIER PILING DATE: 1999-01-22
BARLIER PILING DATE: 1999-01-22
BARLIER FILING DATE: 1999-01-22
BARLIER FILING DATE: 1999-01-22
BARLIER FILING DATE: 1999-01-22
BARLIER FILING DATE: 1999-01-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Conus aulic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 10; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
LOCATION:
FEATURE:
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LOCATION:
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Sequence 12, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 5, Appli
Sequence 6, Appli
Sequence 604, App
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 446, App
Sequence 615, App
Sequence 437, App
Sequence 609, App
Sequence 419, App
Sequence 8, Appli
                                                                                                                                November 17, 2003, 15:19:01; Search time 29 Seconds (without alignments) 100.722 Million cell updates/sec
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Sequence 446, 2
Sequence 615, 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 406,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/USO7 PUBCOMB.pep:*
2: cgn2_6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*
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11: /cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9_NEW PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/USO0_NEW pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO0_NEW pep:*
6: /cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
7: /cgn2_6/ptodata/2/pubpaa/USOO_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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S US-10-072-602B-406

S US-10-072-602B-418

S US-10-072-602B-618

S US-10-072-602B-615

S US-10-072-602B-437

S US-10-072-602B-437

US-10-072-602B-419

US-09-897-465-8
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US-09-897-465-9
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US-09-897-465-11
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US-09-897-465-5
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                                                                                        OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                        104
1 GCCSLPPCALNNPDYC 16
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Maximum DB seq length: 2000000000
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Match Length DB
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App.	App	App '	App.	Appl	Appl	Appl	611, App	App	Appl	Appl	pli	App	App	O, App	App	Appl	App	App.	App.	App	App.	App.	App.	App.	31, A	App.	App.	App	Appli	
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Seguence	Sequence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence	Sequence	Seguence	Sequence	Sequence	Seguence	Seguence	Sequence	Seguence	Seguence	Seguence	Seguence	Sequence	Sequence	Seguence	Seguence	Seguence	Seguence	Seguence	Sequence	
US-10-072-602B-617	-602B	072-	-602B	-09-908-741	09-908-741-9	3-741-9	-10-072-602B-61	10-072-6	19-908-741-	9-908-741-9	9-897-	-10-072	-10	-10-072-602B-44	US-10-072-602B-431	908	09-908-741-10	LO-072-602B-62	10-072-602B	10-072-602B	-602B-60	-10-072-602B-4	-10-072-602B-43	-10-072-602B-41	-10-156-761-14	-10-072-602B-61	-10-072-602B-	S-10-072-602B-60	US-09-897-465-2	
15	15	15	12	11	11	11	15	15	디	11	<b>о</b>	12	15	15	15	11	11		15				15							
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67	67	65	65	65	64	64	63	63	9	U O	28	58	28	58	28	26	26	22	22	54	54	24	54	54	53	51	51	50	20	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3⊒	32	33	34	35	36	37	38	39	40	41	42	43	44	45	

## ALIGNMENTS

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Description of Artificial Sequence:AlOL derivative of C. purpurascens PnIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 104; DB 9; Length 16; 100.0%; Pred. No. 2.9e-07; Live 0; Mismatches 0; Indels
        Sequence 10. Application US/09897465

Patent No. US2002022715A1

GENERAL INFORMATION:
APPLICANT: Olivera, Baldomero M.
APPLICANT: Worltcosh, J. Michael
APPLICANT: Cartier, G. Edward
APPLICANT: Cartier, G. Edward
APPLICANT: University of Utah Research Foundation
TITLE OF INVENTION: Uses of Alpha-Conotoxin
FILE REFERENCE: Uses of Alpha-Conotoxin
CURRENT APPLICATION NUMBER: US/09/897,465

CURRENT FILING DATE: 2001-07-03
                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/080,588
PRIOR FILING DATE: 1998-04-03
PRIOR PPLICATION NUMBER: US 60/070,153
PRIOR PLILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
SOPTWARE: Patentin Ver: 2.0
SEQ ID NO 10
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) OTHER INFORMATION:

) OTHER INFORMATION:

US-09-897-465-10
US-09-897-465-10
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Gaps

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1 GCCSLPPCALNNPDYC 16 GCCSLPPCALNNPDYC 16

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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:N11S derivative
OTHER INFORMATION: of C. purpurascens PnIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  90.4%; Score 94; DB 9; Length 16; 87.5%; Pred. No. 5.8e-06; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jesquence 5, Application US/09897465

Jequence 5, Application US/09897465

Jetent No. US20020022715A1

JERREAL INFORMATION:

APPLICANT: Olivera, Baldomero M.

APPLICANT: McIntosh, J. Michael

APPLICANT: Yoshikami, Doju

APPLICANT: Luo, Siqin

APPLICANT: Luo, Siqin

APPLICANT: Luo, Siqin

APPLICANT: Usersity of Utah Research Foundation

ITILE OF INVENTION: Uses of Alpha-Conotoxins

CURRENT APPLICATION NUMBER: US/09/897,465

CURRENT FILING DATE: 1998-04-03

PRIOR APPLICATION NUMBER: US 60/080,588

PRIOR APPLICATION NUMBER: US 60/070,153

PRIOR FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0

JENGTH: 16

TYPE: PRT.

CUSANISM: Conus aulicus

US-09-897-465-5
            Sequence 11, Application US/09897465

Patent No. US2002022715A1

GENERAL INFORMATION:
APPLICANT: Ollvera, Baldomero M.
APPLICANT: Mointosh, J. Michael
APPLICANT: Mointosh, J. Michael
APPLICANT: Toolivera, Baldomero M.
APPLICANT: Toolivera, G. Edward
APPLICANT: Lao. Siqin
APPLICANT: Lao. Siqin
APPLICANT: Lao. Siqin
APPLICANT: University of Utah Research Foundation
ITILE OF INVENTION: Uses of Alpha-Conotoxins
CURRENT APPLICATION NUMBER: US/09/897,465
CURRENT FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: US 60/080,588
PRIOR APPLICATION NUMBER: US 60/080,153
PRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
SOFWRAKE: Patentin Ver. 2.0
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TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 87.57
Conservative
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Matches 11; Conserv
US-09-897-465-11
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US-09-897-465-5
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95.2%; Score 99; DB 9; Length 16;
Best Local Similarity 93.8%; Pred. No. 1.3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Olivera, Baldomero M.
APPLICANT: Monthosh, U. Michael
APPLICANT: Monthosh, U. Michael
APPLICANT: Toshikami, Doju
APPLICANT: Toshikami, Doju
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
APPLICANT: University of Utah Research Foundation
ITITLE REFRERENCE: Uses of Alpha-Conotoxins
TITLE REFRERENCE: Uses of Alpha-Conotoxins
CURRENT APPLICATION NUMBER: US 00/080,588
PRIOR APPLICATION NUMBER: US 60/080,588
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NOS: 13
                            Sequence 9, Application US/09897465
Patent No. US2002022715A1
FABREALL INFORMATION:
APPLICANT: Olivera, Baldomero M.
APPLICANT: Yoshikami, Doju
APPLICANT: Cartier, G. Edward
APPLICANT: Cartier, G. Edward
APPLICANT: University of Utah Research Foundation
TITLE OF INVENTION: Uses of Alpha-Conotoxins
FILE REFERENCE: Uses of Alpha-Conotoxins
CURRENT APPLICATION NUMBER: US/09/897,465
FILE REFERENCE: USes of Alpha-Conotoxins
CURRENT APPLICATION NUMBER: US 60/080,588
PRIOR FILING DATE: 1998-04-03
PRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 99; DB 9; I
Pred. No. 1.3e-06;
0; Mismatches 1;
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Sequence 12, Application US/09897465
Patent No. US20020022715A1
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1 Similarity 93.8%;
15; Conservative (
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US-09-897-465-9
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Best Local Similarity
Matches 15; Conserv
            JS-09-897-465-9
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Gaps

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ö 0; 71.2%; Score 74; DB 9; Length 16; 68.8%; Pred. No. 0.0024; ive 0; Mismatches 5; Indels 1 GCCSYPPCFATNSDYC 16 ö

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Pred. No. 0.0051;
2; Mismatches 3;
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Publication No. US20030109670A1
GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Cognetix, Inc.
                                                                                                                                                                                                                                                                                                                                    APPLICANT: University of Utah Research Foundation
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68.8%; Pred. No. 0.015;
live 2; Mismatches 3
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PRIOR APPLICATION NUMBER: US 60/267,408
PRIOR PILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 638
SOFTWARE: Patentin version 3.0
SEQ ID NO 406
                                                                                                                                                                                                                                                                                                                                                       APELICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: McIntosh, J, Michael
APPLICANT: McIntosh, J, Michael
APPLICANT: McAtkins, Maren
APPLICANT: Garrett, James E.
APPLICANT: Grilley, Michelle
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Shetry, Reshma
APPLICANT: Malker, Craig
APPLICANT: Malker, Craig
APPLICANT: Jones, Robert M.
TITLE OF INVENTION: Cone Snail Peptides
FILE REFRENCE: 2314-249
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APPLICANT: Grilley, Michelle
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Walker, Craig
APPLICANT: Shetty, Reshma
APPLICANT: Jones, Robert M.
TITLE OF INVENTION: Cone Snail Peptides
FILE REFERENCE: 2314-249
                                                                                                                                                                                                                                                             Sequence 406, Application US/10072602B Publication No. US20030109670A1 GENERAL INFORMATION:
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McIntosh, J, Michael
Watkins, Maren
Garrett, James E.
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68.8%;
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                           11; Conservative
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Best Local Similarity 68.8
Matches 11; Conservative
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ORGANISM: Conus quercinus
  Best Local Similarity
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                                                                                                                                                                      APPLICANT: Olivera, Baldomero M.
APPLICANT: Montoch, J. Michael
APPLICANT: Montoch, J. Michael
APPLICANT: Yoshikami, Doju
APPLICANT: Toshikami, Obju
APPLICANT: Luo, Siqin
APPLICANT: Luo, Siqin
APPLICANT: University of Utah Research Foundation
TITILE REPERENCE: Uses of Alpha-Conotoxins
CURRENT FILING DATE: 2001-07-03
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/080,588
FRIOR APPLICATION NUMBER: US 60/070,153
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1998-04-03
FRIOR FILING DATE: 1997-12-31
NUMBER OF SEQ ID NOS: 13
SOFFWARE: Patentin Var. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'Sequence 604, Application US/10072602B
'Sequence 604, Application US/10072602B
'Publication No. US20030109670A1
'GENERAL INFORMATION:
'APPLICANT: University of Utah Research Foundation
'APPLICANT: Cognetix, Inc.
'APPLICANT: Olivera, Baldomero M.
'APPLICANT: McIntosh, J, Michael
'APPLICANT: Warkins, Maren
'APPLICANT: Garrett, James E.
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APPLICANT: GTILLY, Michelle
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Shetty, Reshma
APPLICANT: Shetty, Reshma
APPLICANT: Shetty, Reshma
APPLICANT: Onnes, Robert M.
TILLE OF INVENTION: Cone Snail Peptides
FILE REPRENCE: 2314-249
CURRENT APPLICATION NUMBER: US/10/072,602B
CURRENT FILING DATE: 2002-02-11
PRIOR PRILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 638
SOFTWARE: Patentin version 3.0
SEQ ID NO 604
LENGTH: 19
                                                                                                    Sequence 6, Application US/09897465
Patent No. US20020022715A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
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DB 15; Length 19;

69.2%; Score 72;

Query Match

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Gaps

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66.8%; Score 69.5; DB 15; Length 17; 68.8%; Pred. No. 0.0097; tive 1; Mismatches 3; Indels
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1 Similarity 68.8%; Pred. No. 0.033;
11; Conservative 1; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 2314-249
CURRENT APPLICATION NUMBER: US/10/072,602B
CURRENT FILING DATE: 2002-02-11
FRIOR APPLICATION NUMBER: US 60/267,408
FRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 638
SOFTWARE: Patentin version 3.0
LENGTH: 63
                    CURRENT APPLICATION NUMBER: US/10/072,602B
CURRENT FILING DATE: 2002-02-11
PRIOR APPLICATION NUMBER: US 60/267,408
PRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 638
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cruz, Lourdes J.
APPLICANT: Grilley, Michelle
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Walker, Craig
APPLICANT: Shetty, Reshma
APPLICANT: Jones, Robert M.
TITLE OF INVENTION: Cone Snail Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 437, Application US/10072602B
Publication No. US20030109670A1
GENERAL INFORMATION:
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Olivera, Baldomero M.
McIntosh, J. Michael
Watkins, Maren
Garrett, James E.
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Olivera, Baldomero M.
McIntosh, J. Michael
Watkins, Maren
Garrett, James E.
                                                                                                                                                                                               TYPE: PRT
ORGANISM: Conus cinereus gubba
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Best Local Similarity 68.8'
      FILE REFERENCE: 2314-249
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Best Local Similarity
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US-10-072-602B-437
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US-10-072-602B-437
                                                                                                                                                    SEQ ID NO 615
LENGTH: 17
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APPLICANT: Cognetix, Inc.
APPLICANT: Olivera, Baldomero M.
APPLICANT: McInton, J, Michael
APPLICANT: Watkins, Maren
APPLICANT: Garrett, James E.
APPLICANT: Cruz, Lourdes J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: University of Utah Research Foundation
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APPLICANT: Carrett, James E.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Cruz, Lourdes J.
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Walker, Craig
APPLICANT: Jones, Robert M.
TITLE OF INVENTION: Cone Snail Peptides
FILE REFERENCE: 2314-249
CURRENT APPLICATION NUMBER: US/10/072,602B
CURRENT FILING DATE: 2002-02-11
FRICA PAPLICATION NUMBER: US 60/267,408
PRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 638
SOFTWARE: Patentin version 3.0
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TITLE OF INVENTION: Cone Snail Peptides
                                                                                                                                                                                                                                                                                                                                                                    Sequence 446, Application US/10072602B Publication No. US20030109670A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 615, Application US/10072602B
Publication No. US20030109670A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cognetix, Inc.
Olivera, Baldomero M.
McIntosh, U. Michael
Watkins, Maren
Garrett, James E.
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Grilley, Michelle
Schoenfeld, Robert M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 63
TYPE: PRT
ORGANISM: Conus generalis
                                                               ORGANISM: Conus generalis
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Shetty, Reshma
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US-10-072-602B-446
                                                                                    US-10-072-602B-618
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; SEQ ID NO 618
                    LENGTH: 17
TYPE: PRT
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APPLICANT:
APPLICANT:
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US-09-897-465-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: University of Utah Research Foundation
APPLICANT: Oconetix, Inc.
APPLICANT: Oconetix, Inc.
APPLICANT: Oconetix, Inc.
APPLICANT: McIntosh, J, Michael
APPLICANT: Matkins, Maren
APPLICANT: Garrett, James B.
APPLICANT: Grarett, James B.
APPLICANT: Grarett, James B.
APPLICANT: Grailey, Michelle
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Jones, Robert M.
APPLICANT Schoenfeld, Robert M.
APPLICANT: Jones, Robert M.
APPLICANT: Jones M.
APPLIC
APPLICANT: Cruz, Lourdes J.
APPLICANT: Grilley, Michelle
APPLICANT: Schoenfeld, Robert M.
APPLICANT: Walker, Craig
APPLICANT: Sherty, Reshma
APPLICANT: Jones, Robert M.
TITLE REPERENCE: 2314-249
CURRENT FILING DATE: 2002-02-11
PRIOR FILING DATE: 2002-02-11
PRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 638
SOFTWARE: Patentin version 3.0
LENGTH: 17
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; Publication No. US20030109670A1
; GENERAL INFORMATION:
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US-10-072-602B-609
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Best Local Similarity
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RESULT 15 US-09-897-465-8 ; Sequence 8, Application US/09897465 ; Patent No. US20020022115A1

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